See separate FLOUNDER
sheet for ADDITIONAL
DATA

TAGGING
F04675-4865
F0800-831

2390

R/V DAN MOORE STATION LOG

VESSEL (1) M	STATION (2-5) 2390	CRUISE NO. (6-8) 032	MO. (9-14) 02	DAY 06	YEAR 74	GRID (15-17) 28AF	LATITUDE (18-21) 3555	LONGITUDE (22-25) 7527

DEPTH (26-29) 0009	SUR. TEMP. (30-31) 08	BTM TEMP. (32-33) —	AIR TEMP (34-35) 11	BAROMETER (36-38) 034	BT (39) N	WIND DIR. (40-41) E	WIND SPD. (42-43) 06
S.C. (44) 1	WEA. (45-46) MC	BTM TYPE (47-48) SA	BTM REG (49) 0	GEAR TYPE (50-51) FT	GEAR SIZE (52-54) 060	OP (55) —	TM. START (56-57) 15	MIN. FISHED (58-60) 060

RIG (61-62) 01	TOTAL FINFISH (63-67) 01100	TOTAL CRUSTACEANS (68-71) —	TOTAL SHELLFISH (72-75) —	TOTAL OTHER (76-80) 00005

RIG (61-62) —	TOTAL FINFISH (63-67) —	TOTAL CRUSTACEANS (68-71) —	TOTAL SHELLFISH (72-75) —	TOTAL OTHER (76-80) —

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
							PO	DO
START	35°55'	75°27'	3H5 2967	3H4 1472	9		1517	1520
							PU	ON
FINISH	35°58'	75°29	3H5 2973	3H4 1498	11		1620	1624

LENGTH WARF	SHIFT RPM	PITCH	GEAR DATA:
100	100/7 5	50	#36 Yankee

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

Approx. 18 trawlers in Oregon Inlet Area

Good sign of herring on FAThometer

30- P. dentatus positive

Catch 95% Squalus acanthus.

AlosA = NEGATIVE

9
6156

R/V DAN MOORE SPECIES LIST

STATION NUMBER 2390 DATE Feb. 6 1974 IDENTIFIED BY BFH ABP

TAL CATCH WT. ± 1100 SUBSAMPLE WT. – NO. BASKETS 11

FF 1100 Crust 0 Moll. 0 Other 5

SPECIES	NUMBER	WEIGHT	DATA TAKEN*
P. dentatus	30	25	Yes - combined w 2387-2390
Peprilus triacanthus	Few	5	
Scopthalmus aquosus	Few	5	
Lophius americanus	1	10	
Squalus acanthias	Abund	1000	
Raja eglanteria	Few	10	
Squid	Few	5	

Alosids: Paralichthids: + Rock: – Sturgeon: –

*Include type of data taken, i.e length, weight, scales, gonads, saved for identification, etc.

Species: P dentatus

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Ova-size	Age	Gonad Stage	Station Number	Remarks	
II-48	200 ✓	♂	✓	—				—	CANIT 2380-2381	90 grams	* Area 3
II-49	261 ✓	♀	✓	—				I	"	175	Feb 1974
II-50	229 ✓	♀	✓	—				I	"	135	
II-51	239 ✓	♀	✓	—				I	"	160	
II-52	170 ✓	♂	✓	—				—	"	120	
II-53	243 ✓	♀	✓	—				I	"	160	
II-54	272 ✓	♀	✓	—				I	2406	235	Area II
II-55	235 ✓	♀	✓	—				I	"	140	Feb 1974
II-56	253 ✓	♀	✓	—				I	"	190	
II-57	242 ✓	♀	✓	—				I	"	160	
II-58	232 ✓	♂	✓	—				—	"	130	
II-59	205 ✓	♀	✓	—				I	"	100	
II-60	162 (SL) ✓	♂	✓	—				I	"	75	
II	(1974)										
II-61	317 ✓	♀	✓	—				I	2397	320	/ Area I
II-62	203 ✓	♂	✓	—				—	"	95	Feb 1974
II-63	190 ✓	♂	✓	—				—	"	90	
II											
II-64	292 ✓	♀	✓	—				I	2409	255	Area IV Feb 1974
II-65	348 ✓	♀	✓	—				I	2405	465	Area I
II-66	214 ✓	♂	✓	—				—	"	110	Feb 1974
II-67	209 ✓	♀	✓	—				I	"	95	
II-68	219 ✓	♀	✓	—				I	2387-2390	110	* 21 ♂
II-69	238 ✓	♀	✓	—				I	"	145	68 ♀
II-70	328 ✓	♀	✓	—				VII - I	"	350	0 I
II-71	200 ✓	♀	✓	—				I	"	85	Area I
II-72	213 ✓	♀	✓	—				I	"	105	Feb 1974
II-73	235 ✓	♀	—	—				I	"	130	
II-74	239 ✓	♀	✓	—				I	"	150	
II-75	211 ✓	♀	✓	—				I	"	90	
II-76	229 ✓	♂	✓	—				—	"	125	
II-77	193 ✓	♀	✓	—				I	"	85	
II-78	267 ✓	♀	✓	—				I	"	200	
II-79	246 ✓	♀	✓	—				I	"	165	
II-80	252 ✓	♂	✓	—				—	"	170	
II-81	221 ✓	♀	✓	—				I	"	115	
II-82	251 ✓	♀	✓	—				I	"	185	
II-83	220 ✓	♀	✓	—				I	"	125	
II-84	208 ✓	♂	✓	—				—	"	100	
II-85	221 ✓	♀	✓	—				I	"	120	
II-86	260 ✓	♀	✓	—				I	"	175	
II-87	227 ✓	♂	✓	—				I	"	110	

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Species: P. dentatus

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
II-89	232 ✓	♂	✓	—				—	2387-2390	125 grams *
II-90	258 ✓	♀	✓	—				I	〃	170 Area II
II-91	260 ✓	♀	✓	—				I	〃	170 Feb, 1984
II-92	273 ✓	♀	✓	—				I	〃	195
II-93	228 ✓	♂	✓	—				—	〃	115
II-94	234 ✓	♀	✓	—				I	〃	115
II-95	218 ✓	♀	✓	—				I	〃	110
II-96	246 ✓	♂	✓	—				I	〃	150
II-97	237 ✓	♀	✓	—				I	〃	130
II-98	251 ✓	♀	✓	—				I	〃	165
II-99	393 ✓	♀	✓	—				II - III (4.39)	〃	725 Check
II-100	359 ✓	♂	✓	—				—	〃	490
II-101	267 ✓	♀	✓	—				I	〃	190
II-102	231 ✓	♀	✓	—				I	〃	115
II-103	258 ✓	♀	✓	—				I	〃	170
II-104	244 ✓	♀	✓	—				I	〃	150
II-105	298 ✓	♀	✓	—				I	〃	285
II-106	225 ✓	♀	✓	—				I	〃	125
II-107	285 ✓	♀	—	—				I	〃	230
II-108	225 ✓	♀	✓	—				I	〃	130
II-109	231 ✓	♂	✓	—				—	〃	115
II-110	279 ✓	♀	✓	—				I	〃	215
II-111	255 ✓	♀	✓	—				I	〃	170
II-112	242 ✓	♀	✓	—				I	〃	145
II-113	429 ✓	♀	✓	✓				III (13.29)	〃	930
II-114	231 ✓	♂	✓	—				—	〃	130
II-115	238 ✓	♀	✓	—				I	〃	125
II-116	249 ✓	♀	✓	—				I	〃	150
II-117	238 ✓	♀	✓	—				I	〃	145
II-118	192 ✓	♂	✓	—				—	〃	75
II-119	247 ✓	♀	✓	—				I	〃	155
II-120	228 ✓	♂	✓	—				—	〃	130
II-121	245 ✓	♂	✓	—				—	〃	165
II-122	246 ✓	♂	✓	—				—	〃	145
II-123	259 ✓	♀	✓	—				I	〃	190
II-124	235 ✓	♀ —	✓	—				I	〃	125
II-125	240 ✓	♀	✓	—				I	〃	150
II-126	243 ✓	♀	✓	—				I	〃	150
II-127	322 ✓	♀	✓	—				I	〃	125
II-128	240 ✓	♀	✓	—				I	〃	135
II-129	252 ✓	♀	✓	—				I	〃	170
II-130	237 ✓	♂	✓	—				—	〃	145
II-131	225 ✓	♀	✓	—				I	〃	125
II-132	260 ✓	♀	✓	—				I	〃	185
II-133	231 ✓	♀	✓	—				I	〃	125
II-134	241 ✓	♀	✓	—				I	〃	145
II-135	230 ✓	♀	✓	—				I	〃	130
II-136	260 ✓	♀	✓	—				I	〃	180
II-137	228 ✓	♀	✓	—				I	〃	130
II-138	185 ✓	♂	✓	—				—	〃	65
II-139	252 ✓	♀	✓	—				I	〃	155

Species: P. dentatus

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-cale	Age	Gonad Stage	Station Number	Remarks	
II-140	246 ✓	♂	✓	—				—	2382-2390	170	grams & Area I
II-141	250 ✓	♂	✓	—				—	〃	170	Feb 1974
II-142	239 ✓	♀	✓	—				I	〃	130	
II-143	233 ✓	♀	✓	—				I	〃	130	
II-144	212 ✓	♀	✓	—				I	〃	100	
II-145	242 ✓	♀	✓	—				I	〃	135	
II-146	247 ✓	♀	✓	—				I	〃	160	
II-147	212 ✓	♂	✓	—				—	〃	95	
II-148	208 ✓	♀	✓	—				I	〃	90	
II-149	237 ✓	♀	✓	—				I	〃	135	
II-150	220 ✓	♀	✓	—				I	〃	105	
II-151	224 ✓	♀	✓	—				I	〃	125	
II-152	225 ✓	♀	✓	—				I	〃	115	
II-153	220 ✓	♀	✓	—				I	〃	110	
II-154	210 ✓	♀	✓	—				I	〃	105	
II-155	215 ✓	♂	✓	—				—	〃	95	
II-156	183 ✓	♀	✓	—				I	〃	65	
II-157	338 ✓	♂	✓	—				—	2382-2386	420	& Area II
II-158	342 ✓	♂	✓	—				—	〃	390	Feb 1974
II-159	320 ✓	♂	✓	—				—	〃	305	
II-160	295 ✓	♀	✓	✓				I (2.8g)	〃	265	
II-161	214 ✓	♂	✓	—				—	〃	100	
II-162	237 ✓	♀	✓	—				I	〃	125	
II-163	256 ✓	♀	✓	—				I	〃	160	
II-164	222 ✓	♀	✓	—				I	〃	110	
II-165	278 ✓	♂	✓	—				—	〃	235	
II-166	257 ✓	♀	✓	—				I	〃	150	
II-167	235 ✓	♂	✓	—				—	〃	125	
II-168	225 ✓	♂	✓	—				—	〃	115	
II-169	236 ✓	♀	✓	—				I	〃	130	
II-170	238 ✓	♂	✓	—				—	〃	135	
II-171	206 ✓	♀	✓	—				I	〃	90	
II-172	246 ✓	♀	✓	—				I	〃	140	
II-173	240 ✓	♀	✓	—				I	〃	135	
II-174	247 ✓	♀	✓	—				I	〃	135	
II-175	240 ✓	♂	✓	—				—	〃	135	
II-176	227 ✓	♀	✓	—				I	〃	115	
II-177	208 ✓	♀	✓	—				I	〃	90	
II-178	185 ✓	♀	✓	—				I	2396	70	Area I
II-179	185 ✓	♀	✓	—				I	〃	70	Feb 1974
II-180	195 ✓	♂	✓	—				—	〃	75	
II-181	212 ✓	♀	✓	—				I	〃	105	
II-182	185 ✓	♂	✓	—				—	〃	65	
II-183	200 ✓	♂	✓	—				—	〃	85	
II-184	170 ✓	♂	✓	—				—	〃	50	
II-185	178 ✓	♀	✓	—				I	〃	65	
II-186	181 ✓	♂	✓	—				—	〃	60	

Length-frequency distribution

Species P. dentatus
Station 2387-2390

Date Feb. 5 1974
Locality:

	T.L.	Unsexed		♂		♀		T.L.	Unsexed	♂	♀
	100 - 109.9							600 -			
	110 -							610 -			
	120							620 -			
	130 -							630 -			
	140 -							640 -			
	150 -							650 -			
	160 -							660 -			
	170 -	|	①					670 -			
	180 -	|	①	|	①	|	①	680 -			
	190 -	|	①	|	①	|	①	690 -			
	200 -	𝍸 ||||	⑨	||	②	||	②	700 -			
	210 -	𝍸 𝍸 |	⑪	||	②	𝍸 |	⑥	710 -			
	220 -	𝍸 𝍸 𝍸 𝍸 ||	㉒	||||	④	𝍸 𝍸 |	⑪	720			
30	230 -	|||	㉝	𝍸	⑤	𝍸 𝍸 |||	⑬	730 -			
30	240 -	𝍸	㉟	||||	④	𝍸𝍸 |	⑪	740 -			
	250 -	𝍸 𝍸 𝍸 𝍸 𝍸 |	㉖	||	②	𝍸 |||	[illegible]	750 -			
	260 -	𝍸 𝍸 𝍸 𝍸	⑳			𝍸 |	⑥				
	270 -	𝍸 𝍸 𝍸 𝍸	⑳			||	②				
	280 -	||||	④			|	①				
	290 -	𝍸	⑤			|	①				
	300 -	|	①								
	310 -										
	320 -	|	①			||	②				
	330 -										
	340 -	||	②								
	350 -	|	①	|	①						
	360 -	|||	③								
	370 -										
	380 -	|||	③								
	390 -	||	②			|	①				
	400 -										
	410 -	|||	③								
	420 -					|	①				
	430 -										
	440 -	||	②								
	450 -										
	460 -										
	470 -	||	②								
	480 -										
	490 -	|	①								
	500 -	|	①								
	510 -										
	520 -										
	530 -										
	540 -										
	550 -										
	560 -										
	570 -										
	580 -										
	590 -										

♂	22
♀	67
Unsexed	210
	299

Sheet 1 of 1

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2387-2390

Tot. Fish Captured 301

Date 2-5-74

Tot. Fish Tagged 212

Area of Release 3H4 1615 3H5 3017

No. Retained for analysis 89

9 FAThoms

LORAN ~~Start~~ 17 miLes SouTh oF

Gear Type #36 Yankee Trawl [illegible]

~~Finish~~ CurriTuck LighT

Area 1

TAG. NO.	Weight Lbs.	Ozs.	F.L. (cm)	Species	Remarks
4675			260	P dentatus	
4676			242	"	
4677			291	"	
4678			249	"	
4679			251	"	
4680			245	"	
4681			247	"	
4682			304	"	
4683			273	"	
4684			238	"	
4685			225	"	
4686			231	"	
4687			248	"	
4688			237	"	
4689			230	"	
4690			228	"	
4691			265	"	
4692			248	"	
4693			236	"	
4694			213	"	
4695			248	"	
4696			226	"	
4697			251	"	
4698			253	"	
4699			271	"	
4700			234	"	
4701			256	"	
4702			250	"	
4703			247	"	
4704			242	"	
4705			292	"	
4706			257	"	
4707			257	"	
4708			242	"	
4709			217	"	
4710			235	"	
4711			205	"	
4712			231	"	
4713			264	"	
4714			231	"	
4715			250	"	

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2387 ~ 2390 con'T

Tot. Fish Captured

Date

Tot. Fish Tagged

Area of Release

No. Retained for analysis

LORAN Start

Gear Type

Finish

TAG. NO.	Weight Lbs. Ozs.	F.L. (cm)	Species	Remarks
4716		246	P Dentatus	
4717		207	"	
4718		241	"	
4719		270	"	
4720		243	"	
4721		215	"	
4722		239	"	
4723		240	"	
Missing tag				
4725		212	"	
4726		225	"	
4727		237	"	
4728		239	"	
4729		244	"	
4730		283	"	
4731		240	"	
4732		[illegible]	"	
4733		275	"	
4734		205	"	
4735		249	"	
4736		257	"	
4737		257	"	
4738		189	"	
4739		265	"	
4740		222	"	
4741		196	"	
4742		256	"	
4743		223	"	
4744		217	"	
4745		276	"	
4746		276	"	
4747		221	"	
4748		236	"	
4749		212	"	
4750		215	"	
4751		263	"	
4752		257	"	
4753		215	"	
4754		238	"	
4755		290	"	
4756		216	"	
4757		246	"	

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2387 - 2390 cont

Tot. Fish Captured

Date

Tot. Fish Tagged

Area of Release

No. Retained for analysis

LORAN Start

Gear Type

Finish

TAG. NO.	Weight		F.L. (cm)	Species	Remarks
	Lbs.	Ozs.			
4758			245	P Dentatus	
4759			230	"	
4760			256	"	
4761			253	"	
4762			226	"	
4763			242	"	
4764			251	"	
4765			226	"	
4766			265	"	
4767			269	"	
4768			252	"	
4769			213	"	
4770			227	"	
4771			261	"	
4772			254	"	
4773			222	"	
4774			233	"	
4775			250	"	
4776			268	"	
4777			277	"	
4778			233	"	
4779			249	"	
4780			251	"	
4781			230	"	
4782			276	"	
4783			250	"	
4784			243	"	
4785			229	"	
4786			260	"	
4787			323	"	
4788			227	"	
4789			241	"	
4790			243	"	
4791			275	"	
4792			250	"	
4793			263	"	
4794			232	"	
4795			220	"	
4796			237	"	
4797			270	"	
4798			240	"	
4799			230	"	

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2387 — 2390 CONT

Tot. Fish Captured

Date

Tot. Fish Tagged

Area of Release

No. Retained for analysis

LORAN Start

Gear Type

Finish

TAG. NO.	Weight Lbs.	Ozs.	F.L. (cm)	Species	Remarks
4800			245	P. Dentatus	
4801			255	〃	
4802			200	〃	
4803			231	〃	
4804			254	〃	
4805			261	〃	
4806			225	〃	
4807			227	〃	
4808			218	〃	
4809			230	〃	
4816			220	〃	
4811			237	〃	
4812			245	〃	
4813			279	〃	
4814			248	〃	
4815			243	〃	
4816			240	〃	
4817			244	〃	
4818			233	〃	
4819			271	〃	
4820			276	〃	
4821			272	〃	
4822			223	〃	
4823			295	〃	
4824			261	〃	
4825			254	〃	
4826			238	〃	
4827			269	〃	
4828			263	〃	
4829			273	〃	
4830			265	〃	
4831			263	〃	
4832			240	〃	
4833			239	〃	
4834			227	〃	
4835			232	〃	
4836			255	〃	
4837			248	〃	
4838			238	〃	
4839			228	〃	
4840			238	〃	
4841			198	〃	

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2387 - 2390 cont

Date

Area of Release

LORAN Start

Finish

Tot. Fish Captured

Tot. Fish Tagged

No. Retained for analysis

Gear Type

TAG. NO.	Weight Lbs. Ozs.	F.L. (cm)	Species	Remarks
4842		264	P. Dentatus	
4843		290	"	
4844		275	"	
4845		251	"	
4846		230	"	
4847		205	V "	
4848		237	"	
4849		261	"	
4850		243	"	
4851		213	"	
4852		241	"	
4853		[illegible]	"	
4854		271	"	
4855		214	"	
4856		263	"	
4857		[illegible]	"	
4858		249	"	
4859		[illegible]	"	
4860		[illegible]	"	
4861		234	"	
4862		273	"	
4863		[illegible]	"	
4864		[illegible]	"	
4865		225	"	
70 800		354	"	
70 801		385	"	
70 802		369	"	
70 803		475	"	
70 804		397	"	
70 805		391	"	
70 806		—	"	
70 807		492	"	
70 808		413	"	
70 809		366	"	
70 810		364	"	
70 811		—	"	
70 812		441	"	
70 813		[illegible]	"	
70 814		475	"	
70 815		357	"	
70 816		341	"	

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2387 — 2390 CON'T

Tot. Fish Captured

Date

Tot. Fish Tagged

Area of Release

No. Retained for analysis 89

LORAN Start

Gear Type

Finish

TAG. NO.	Weight Lbs.	 Ozs.	F.L. (cm)	Species	Remarks
70 817			447	P. Dentatus	
70818			417	"	
70 819			340	"	
70 820			418	"	
70 821			392	"	

2390